

Serial No.: 10/010,721

Examiner: A. Psitos

Title: RELIEF DIFFRACTION GRATING BODY, AND OPTICAL PICK-UP AND OPTICAL INFORMATION APPARATUS USING THE SAME

**Amendments to the Specification:**

Please replace the paragraph beginning on line 21 of page 7 with the following amended paragraph:

Furthermore, it is preferable that a material of the base material having the refractive index n1 is at least one material selected from the group consisting of Ta<sub>2</sub>O<sub>5</sub>, TiO<sub>2</sub>, ZrO<sub>2</sub>, Nb<sub>2</sub>O<sub>3</sub>, ZnS, LiNbO<sub>3</sub> and LiTaO<sub>3</sub>. With the use of the above-mentioned materials, it is possible to obtain a high refractive index n1 as high as 1.9 or more.

Please replace the paragraph beginning on line 28 of page 8 with the following amended paragraph:

Furthermore, it is preferable that a material of the single base material is at least one material selected from the group consisting of Ta<sub>2</sub>O<sub>5</sub>, TiO<sub>2</sub>, ZrO<sub>2</sub>, Nb<sub>2</sub>O<sub>3</sub>, ZnS, LiNbO<sub>3</sub> and LiTaO<sub>3</sub>. With the use of the above-mentioned materials, it is possible to obtain a high refractive index n1 as high as 1.9 or more.

Please replace the paragraph beginning on line 26 of page 26 with the following amended paragraph:

In the above, as the material with high refractive index, the case of using Ta<sub>2</sub>O<sub>5</sub> was explained. However, it is to be noted that the material is not limited to Ta<sub>2</sub>O<sub>5</sub> and other materials also can be used. For example, TiO<sub>2</sub> (refractive index: about 2.3.) ZrO<sub>2</sub> (refractive index: about 1.95), Nb<sub>2</sub>O<sub>3</sub> (refractive index: about 2.3), ZnS (refractive index: about 2.3), LiNbO<sub>3</sub> (refractive index: about 2.0), LiTaO<sub>3</sub> (refractive index: about 1.9 to 2.0), and the like may be used.